重组人成纤维细胞因子(FGF-7)

Fibroblast growth factor 7(FGF-7),Human,Recombinant

Cat. No.: MA1376-1 Size: 10μg

Source: E.coli

Description: Recombinant Human Fibroblast Growth Factor 7/Keratinocyte Growth Factor is produced by our E.coli expression system and the target gene encoding Cys32-Thr194 is expressed.

Accession: P21781

Known As: Fibroblast growth factor 7; FGF-7; Heparin-binding growth factor 7; HBGF-7; Keratinocyte growth factor; FGF7; KGF

Predicted Mol Mass: 18.9 KDa

Apparent Mol Mass: 17 KDa, reducing conditions

Endotoxin: < 0.01 EU/μg as determined by LAL test.

Formulation: Lyophilized from a 0.2 μm filtered solution of 20mM Tris,1mM EDTA,5% Trehalose, 0.02% Tween 80, pH 8.0.

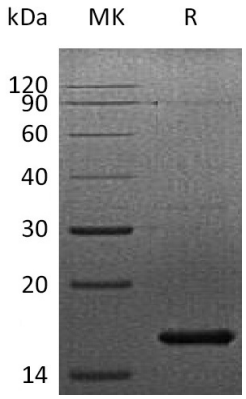
Reconstitution:
Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100μg/ml.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping:
The product is shipped at ambient temperature.
Upon receipt, store it immediately at the temperature listed below.

Storage:
Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.
Reconstituted protein solution can be stored at 2-8°C for 2-7 days.
Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

Background: Fibroblast growth factor 7 (FGF7) is a secreted protein which is mainly located in epithelial cells and belongs to the heparin-binding growth factors family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF7 is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. It is possible major paracrine effector of normal epithelial cell proliferation.

Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE.

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